

**IN THE UNITED STATES PATENT AND TRADE MARK OFFICE**

Applicant: Christian Paulus  
 Serial No.: 10/536,764  
 (Priority Application No. DE 102 55 915.5)  
 (International Application No. PCT/DE03/003606)  
 Filed: May 26, 2005  
 (Priority Date: 29 November 2002)  
 (International Filing Date: 29 October 2003)  
 Docket No.: I432.112.101/P29326  
 Date Due: December 28, 2005  
 Title: ANALOG-TO-DIGITAL CONVERTER (As Amended)

#5

**Mail Stop Missing Parts**  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450


Sir:

We are transmitting herewith the attached:

- ☒ Transmittal Sheet containing Certificate of Mailing (1 pg.).
- ☒ Response to the Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) (2 pgs.).
- ☒ Executed Declaration for Patent Application, Power of Attorney & Designation of Correspondence Address (3 pgs.).
- ☒ Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) (2 pgs.).
- ☒ Assignment of Invention to Infineon Technologies AG (1 pg.); Recordation Form Cover Sheet (1 pg.).
- ☒ Authorization to charge Deposit Account No. 500471 in the amount of \$40.00 for the Assignment Recordation Fee.
- ☒ Return Postcard.

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate. At any time during the pendency of the application, please charge any additional fees or credit overpayment to Deposit Account No. 500471.

**Customer No. 025281**

By:   
 Name: Paul P. Kempf  
 Reg. No.: 39,727

**CERTIFICATE UNDER 37 C.F.R. 1.10:**

"Express Mail" mailing label number: EV506669582US  
 Date of Deposit: December 21, 2005

The undersigned hereby certifies that this paper or papers, as described herein, are being deposited in the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By:   
 Name: Vanessa Carels

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Christian Paulus  
Serial No.: 10/536,764  
(Priority Application No. DE 102 55 915.5)  
(International Application No. PCT/DE03/003606)  
Filed: May 26, 2005  
(Priority Date: 29 November 2002)  
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Docket No.: I432.112.101/P29326  
Title: ANALOG-TO-DIGITAL CONVERTER (As Amended)

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**RESPONSE TO THE NOTIFICATION OF MISSING  
REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)**

**Mail Stop Missing Parts**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the "Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office" (see enclosed copy), an executed Declaration for Patent Application, Power of Attorney & Designation of Correspondence Address by the named inventor is enclosed. A fee is not required, however, at any time during the pendency of this application, the Patent Office is hereby authorized to charge any additional fees or credit overpayments to Deposit Account No. 500471.

**Response to the Notification Missing Requirements under 35 U.S.C. 371 in the United States**

**Designated/Elected Office (DO/EO/US)**

Applicant: Christian Paulus

Serial No.: 10/536,764

(Priority Application No. DE 102 55 915.5)

(International Application No. PCT/DE03/003606)

Filed: May 26, 2005

(Priority Date: 29 November 2002)

(International Filing Date: 29 October 2003)

Docket No.: 1432.112.101/P29326

Title: ANALOG-TO-DIGITAL CONVERTER (As Amended)

Applicant assumes the application is now in proper order and in condition for examination. Please direct any inquiries to the undersigned attorney at (612) 767-2502.

Respectfully submitted,

Christian Paulus,

By his attorneys,

DICKE, BILLIG & CZAJA, PLLC

Fifth Street Towers, Suite 2250

100 South Fifth Street

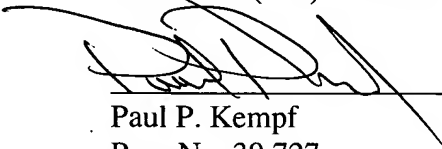
Minneapolis, MN 55402

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Dated: 12/21/05

PPK:cmj

  
Paul P. Kempf

Reg. No. 39,727

**CERTIFICATE UNDER 37 C.F.R. 1.10:**

"Express Mail" mailing label number: EV506669582US

Date of Deposit: December 21, 2005

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By 

Name: Vanessa Carels



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

|                             |                       |                     |
|-----------------------------|-----------------------|---------------------|
| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | ATTY. DOCKET NO.    |
| 10/536,764                  | Christian Paulus      | 1432.112.101/P29326 |

|                               |               |
|-------------------------------|---------------|
| INTERNATIONAL APPLICATION NO. |               |
| PCT/DE03/03606                |               |
| I.A. FILING DATE              | PRIORITY DATE |
| 10/29/2003                    | 11/29/2002    |

25281  
 DICKE, BILLIG & CZAJA, P.L.L.C.  
 FIFTH STREET TOWERS  
 100 SOUTH FIFTH STREET, SUITE 2250  
 MINNEAPOLIS, MN 55402

CONFIRMATION NO. 4668

371 FORMALITIES LETTER



\*OC000000017296789\*

Date Mailed: 10/28/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 05/26/2005
- Copy of the International Search Report filed on 05/26/2005
- Preliminary Amendments filed on 05/26/2005
- Information Disclosure Statements filed on 05/26/2005
- Request for Immediate Examination filed on 05/26/2005
- U.S. Basic National Fees filed on 05/26/2005
- Substitute Specification filed on 05/26/2005
- Priority Documents filed on 05/26/2005
- Specification filed on 05/26/2005
- Claims filed on 05/26/2005
- Abstracts filed on 05/26/2005
- Drawings filed on 05/26/2005

US ACTION Dec 28, 2005  
 Due Date \_\_\_\_\_  
 OA \_\_\_\_\_ Final \_\_\_\_\_  
 Advisory Action \_\_\_\_\_  
 Msg. Pts. \_\_\_\_\_ Corr. Paper \_\_\_\_\_  
 Issue/Publ. Fee \_\_\_\_\_ Drwgs. \_\_\_\_\_  
 Appeal \_\_\_\_\_  
 Other \_\_\_\_\_

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

## SUMMARY OF FEES DUE:

Total additional fees required for this application is \$-250 for a Large Entity:

(A previous payment of \$250 will be applied to the additional fees indicated above.)

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

SHELBY J VIGIL

Telephone: (703) 308-9140 EXT 224

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO.    |
|-----------------------------|-------------------------------|---------------------|
| 10/536,764                  | PCT/DE03/03606                | 1432.112.101/P29326 |